

S/N 09/804866

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Chu, et al.

Examiner: Unknown

Serial No.: 09/804866

Group Art Unit: unknown

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Docket No.: 7933.208USU1

Title: SEQUENCING OF PEPTIDES BY MASS SPECTROMETRY

CERTIFICATE UNDER 37 CFR 1.10

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I hereby certify that this paper or fee is being deposited with the United States Postal Service 'Express Mail Post Office To Addressee' service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner of Patents and Trademarks, Washington, D.C. 20231.

By:

Gmsh Singh

BEANT MEER

#318  
Plunkett  
9/5/01

PRELIMINARY AMENDMENT

Assistant Commissioner for Patents  
Washington, D. C. 20231

Dear Sir:

In connection with the above-identified application filed herewith, please enter the following preliminary amendment:

IN THE SPECIFICATION

In the Specification, please insert the following;

Page 5, Paragraph 4, line 25, please insert SEQ. ID. NO. 1:

31  
Figure 1 shows product ion spectra of the  $[M + ^{107}\text{Ag}]^+$  ion of leucine enkephalin, YGGFL (SEQ. ID. NO. 1), at different  $E_{\text{cms}}$ : (a) 1.5 eV, (b) 2.0 eV, (c) 2.5 eV, and (d) composite of (a) to (c).  $b^* = [b_n + \text{OH} + \text{Ag}]^+$ ,  $b = [b_n - \text{H} + \text{Ag}]^+$ , and  $a = [a_n - \text{H} + \text{Ag}]^+$ .

Page 5, Paragraph 5, line 29, please insert SEQ. ID. NO. 1:

Figure 2 shows a product-ion spectrum of the  $[M + ^{107}\text{Ag}]^+$  ion of leucine enkephalin, YGGFL (SEQ. ID. NO. 1), at a linear  $E_{\text{cm}}$  function from 2.5 eV for  $m/z = 30$  to 1.5 eV for  $m/z = 663$ .